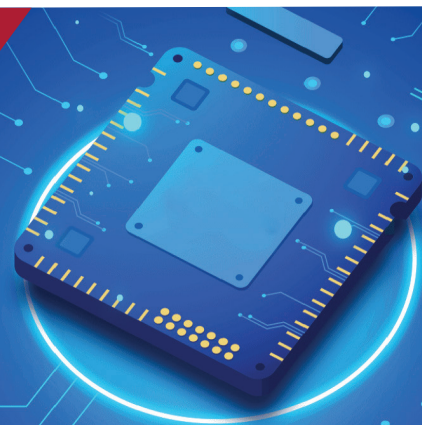


WiFi 6E Tri-Band Ceiling AP NX-AP8200-C6E



OVERVIEW

NX-AP8200-C6E is a high-performance, high-speed 11ax indoor tri-band ceiling AP that provides 2.4GHz, 5GHz, and 6E tri-band wireless services, with access rates up to 574Mbps for 2.4GHz, 4804Mbps for 5GHz, and 2882Mbps for 6E.

FEATURES

- WiFi 6E 802.11 ax
- Better transmission quality and higher transmission rate, up to 8200Mbps concurrent rate.
- Using IPQ5018 chip, supporting 160MHz, greatly expanding the user capacity, can support 320+ users.
- The heat sink adopts buckle structure design and special coating treatment on the surface, which makes the heat dissipation effect more ideal.
- The RF adopts high-power external FEM, which has stable performance, wide wireless and longer transmission.

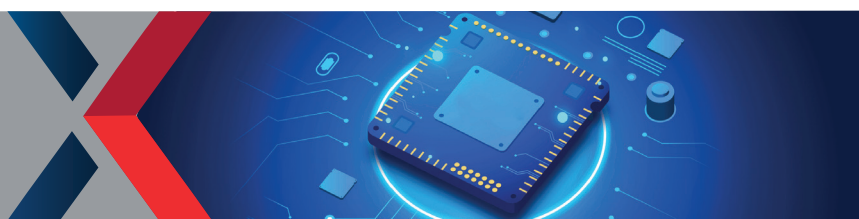


HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP8200-C6E
Flash	SPI NOR 8MB SPI NAND 128MB
DDR3	1GB
2.4G Frequency	2.4GHz ~ 2.484GHz
2.4G WIFI protocol	802.11 b / g / n / ax
5G Frequency	5.150GHz~5.850GHz
5G WIFI protocol	802.11 a / n / ac / ax
6E frequency	5.925GHz~7.125GHz
6E WIFI protocol	802.11 ax



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HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP8200-C6E				
2.4GHz Antenna	2*2.4GHz: 4dBi				
5GHz Antenna	2*5GHz: 4dBi				
6E Antenna	2*6GHz: 4dBi				
Max rate	2.4GHz provides a maximum access rate of 574Mbps, 5GHz provides a maximum access rate of 4804Mbps, and 6E provides a maximum access rate of 2882Mbps.				
2.4G tx power	802.11b	11M	22±2dBm	1M	22±2dBm
	802.11g	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11ax HE20	MCS11	17±2dBm	MCS0	20±2dBm
	802.11ax HE40	MCS11	17±2dBm	MCS0	20±2dBm
5G tx power	802.11a	54M	19±2dBm	6M	22±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	21±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	21±2dBm
	802.11ac VHT20	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ac VHT40	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ac VHT80	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ax HE20	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE40	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE80	MCS11	17±2dBm	MCS0	21±2dBm
802.11ax HE160	MCS11	17±2dBm	MCS0	21±2dBm	
6E tx power	802.11ax HE20	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE40	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE80	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE160	MCS11	17±2dBm	MCS0	21±2dBm
2.4G Receiving Sensitivity	802.11b	11M	-85dBm	1M	-90dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-87dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-85dBm
	802.11ax HE20	MCS11	-60dBm	MCS0	-83dBm
	802.11ax HE40	MCS11	-56dBm	MCS0	-83dBm



WiFi 6E Tri-Band Ceiling AP NX-AP8200-C6E

HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP8200-C6E				
5G Receive Sensitivity	802.11a	54M	-72dBm	6M	-92dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-88dBm
	802.11ac VHT20	MCS8	-70dBm	MCS0	-88dBm
	802.11ac VHT40	MCS9	-68dBm	MCS0	-88dBm
	802.11ac VHT80	MCS9	-58dBm	MCS0	-85dBm
	802.11ax HE20	MCS11	-62dBm	MCS0	-88dBm
	802.11ax HE40	MCS11	-58dBm	MCS0	-86dBm
	802.11ax HE80	MCS11	-55dBm	MCS0	-84dBm
802.11ax HE160	MCS11	-51dBm	MCS0	-82dBm	
2.4GHz EVM	802.11b:≤-10 dB ; 802.11g: ≤-25 dB ; 802.11n:≤-28 dB ; 802.11ax:≤-35 dB				
5GHz EVM	802.11a:≤-25 dB ; 802.11n: ≤-28 dB ; 802.11ac:≤-32 dB ; 802.11ax:≤-35 dB				
6GHz EVM	802.11ax:≤-35 dB				
PPM	±20ppm				
WAN	1*10/100/1000/2500Mbps WAN, support POE 4				
LAN	1*10/100/1000Mbps LAN				
Reset	Press and hold for 6-10 seconds to restore factory default configuration				
Indicator	WAN, LAN, Three-color lights (three different colors respectively represent: sys-red, 2.4GHz-green,5.8GHz-blue)				
Power supply	PoE 802.3bt, DC2.0 12V/3A				
Max power consumption	< 29W				
Size	Ø218mm×54.6mm				
Weight	0.96kg				
Temperature	Working: -20°C to 45°C ; Storage: -40°C to 70°C ; Humidity: 5%~95%(Non-Condensing)				
ESD	Air:±8K, Touch:±4K				
Electrical Surge	Common Mode: 2K, Differential Mode: 1K				

USA

Tel +1 877 677 4040
info@nodexon.com
152 East 118th Street,
New York, NY 10035

EUROPE

Tel +44 746 6717286
uk@nodexon.com
Fairbourne Drive, Atterbury,
Buckinghamshire, UK

MIDDLE EAST

Tel +971 44 558570
mena@nodexon.com
Boulevard Plaza Tower One, Level 3,
Downtown Dubai, UAE

